

Electronic Filing System (EFS) Data
Electronic Patent Application Submission
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EFS ID: 16997
Application ID: 10064708
Title of Invention: LOW POWER LOW VOLTAGE
TRANSISTOR-TRANSISTOR LOGIC
I/O DRIVER
First Named Inventor: Gary Carpenter
Domestic/Foreign Application: Domestic Application
Filing Date: null
Effective Receipt Date: 2002-08-08
Submission Type: Utility Patent Filing
Filing Type: new-utility
Confirmation Number: 0
Attorney Docket Number: BUR920020011
Digital Certificate Holder: cn=Richard A. Henkler, ou=Registered Attorneys, ou=Patent and
Trademark Office, ou=Department of Commerce, o=U.S.
Government, c=US
Certificate Message Digest: A3AhibyZ/Y1BKl2GKDPOWg==
Total Fees Authorized: \$780.0
Payment Category: DA - Deposit Account
Deposit Account Number: 90456
Deposit Account Name: Richard A. Henkler



TRANSMITTAL FORM

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Submission Type: Utility
Patent Filing

Attorney Docket
Number:

BUR920020011

LOW POWER LOW VOLTAGE TRANSISTOR-TRANSISTOR LOGIC I/O DRIVER

First Named Inventor: Gary D. Carpenter

SUBMITTED BY

Name: Richard A. Henkler Esq.

Electronic Signature Mark: Richard
A. Henkler /s/

Date Signed: 20020808

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I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.

Attached Files:

declaration	02-0011.Dec.1.tif
declaration	02-0011.Dec.2.tif
declaration	02-0011.Dec.3.tif

declaration	02-0011.Dec.4.tif
declaration	02-0011.Dec.5.tif
declaration	02-0011.Dec.6.tif
bibd-transmittal	BUR920020011US1apds.xml
patent-assignments	BUR920020011US1asgn.xml
specification	BUR920020011US1.xml
fee-transmittal	BUR920020011US1fee.xml
us-information-disclosure-statement	BUR920020011US1ids.xml

Attached Image File(s):

02-0011.Dec.1.tif
02-0011.Dec.2.tif
02-0011.Dec.3.tif
02-0011.Dec.4.tif
02-0011.Dec.5.tif
02-0011.Dec.6.tif

Comments:

Assignee: International Business Machines Corporation Assignee Address: Armonk, NY 10504

Docket No. BUR920020011US

Declaration and Power of Attorney For Patent Application

English Language Declaration

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled
LOW POWER LOW VOLTAGE TRANSISTOR-TRANSISTOR LOGIC I/O DRIVER

the specification of which

(check one)

☒ is attached hereto.

☐ was filed on _____ as United States Application No. or PCT International Application Number _____ and was amended on _____ (if applicable)

I hereby state that I have reviewed and understand the contents of the above identified specification including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119(a)-(d) or Section 365(b) of any foreign application(s) for patent or inventor's certificate, or Section 365(a) of any PCT International application which designated at least one country other than the United States listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate or PCT International application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)

Priority Not Claimed

(Number)

(Country)

(Day/Month/Year Filed)

☐

(Number)

(Country)

(Day/Month/Year Filed)

☐

(Number)

(Country)

(Day/Month/Year Filed)

☐

I hereby claim the benefit under 35 U.S.C. Section 119(e) of any United States provisional application(s) listed below:

_____ (Application Serial No.)	_____ (Filing Date)
_____ (Application Serial No.)	_____ (Filing Date)
_____ (Application Serial No.)	_____ (Filing Date)

I hereby claim the benefit under 35 U. S. C. Section 120 of any United States application(s), or Section 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. Section 112, I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, C. F. R., Section 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application:

_____ (Application Serial No.)	_____ (Filing Date)	_____ (Status) (patented, pending, abandoned)
_____ (Application Serial No.)	_____ (Filing Date)	_____ (Status) (patented, pending, abandoned)
_____ (Application Serial No.)	_____ (Filing Date)	_____ (Status) (patented, pending, abandoned)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. *(list name and registration number)*

Mark F. Chadurjian-30,739

Richard A. Henkler-39,220

Richard M. Kotulak-27,712

William D. Sabo-27,465

Robert A. Walsh-26,516

Howard J. Walter, Jr.-24,832

Christopher A. Hughes-26,914

Stanley B. Green-24,351

John E. Hoel-26,279

Joseph C. Redmond, Jr.-18,753

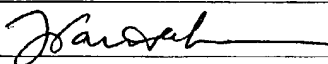
all attorneys and/or agents at Customer No. 30449

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Express Mail ET808766611US Docket No. BUR920020011US1

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Full name of fifth inventor, if any	
Fifth inventor's signature	Date
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Citizenship	
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Full name of sixth inventor, if any	
Sixth inventor's signature	Date
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Citizenship	
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POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. (list name and registration number)

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Full name of sole or first inventor	Gary D. Carpenter
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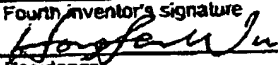
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Full name of third inventor, if any	
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Full name of fifth inventor, if any	
Fifth inventor's signature	Date
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Full name of sixth inventor, if any	
Sixth inventor's signature	Date
Residence	
Citizenship	
Post Office Address	

FEE TRANSMITTAL

Electronic Version 1.1.0

Stylesheet Version: 1.0

Patent fees are subject to annual revisions on or about October 1st of each year.

Large Entity

TOTAL FEES AUTHORIZED: \$ 780

The commissioner is hereby authorized to charge indicated processing and/or publication fees and credit any overpayments to:

Deposit Account Number: 09-0456



Deposit Account Name: International Business Machines Corporation

Charge Any Additional Fee Required Under 37 C.F.R. Sections 1.16 and 1.17.

Charge Assignment Fees Required Under 37 C.F.R. Section 1.21 (h).

SUBMITTED BY

Authorized Name: Richard A. Henkler
 Electronic Signature Mark: Richard A. Henkler /s/
 Date Signed: 20020807

BASIC FILING FEE

Fee Description	Fee Code	Fee Paid
Utility Filing Fee	101	\$ 740

Subtotal For Basic Filing Fee: \$ 740

EXTRA CLAIM FEES

	Fee Code	Fee	Extra Claims	Fee Paid
Total Claims: 20	103	\$ 18	0	\$ 0
Independent Claims: 3	102	\$ 84	0	\$ 0

Subtotal For Extra Claims Fees: \$ 0

ADDITIONAL FEES

Fee Description	Number	Quantity	Fee Code	Amount	Fee Paid
Recording Each Patent Assignment Per Property Fee	00000000	1	581	\$ 40	\$ 40

Subtotal For Additional Fees: \$ 40